Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
201514US2PCTSERIAL NO.
09/720,260

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Yukihiko OKUMURA, et al.FILING DATE
February 26, 2001GROUP
2661 2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DL	AA	5,463,641	10/31/95	S. M. DORWARD, et al.			
	AB						
	AC						
	AD						
	AE						RECEIVED
	AF						
	AG						FEB 11 2003
	AH						Technology Center 2000
	AI						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO	0-22769	01/28/97	JAPAN (with corr. US 5,463,641)		X
DL	AP	WO 98/51028	11/12/98	WIPO (with corr. JP 2000-514277)	—	—
DL	AO	2000-514277	10/24/2000	JAPAN		X
DL	AR	9-298519	11/18/97	JAPAN (submitting English translation only)		
DL	AS	11-196072	07/21/99	JAPAN (submitting corr. EP 0 928 116 only)		
DL	AT	0 928 116	07/07/99	EUROPE		
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner D. LEVITANDate Considered 04/12/04

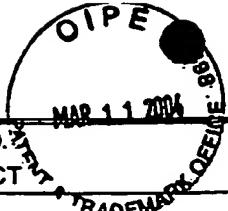
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FEB 25 2003

SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		PRIORITY DOCKET NO. 201514US2PCT		SERIAL NO. 09/720,260	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yukihiko OKUMURA, et al.		RECEIVED FEB 26 2003 Technology Center 2600	
				FILING DATE February 26, 2001	GROUP 2662		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>PL</i>	AW	FPLMTS Study Committee, Air-interface WG, SWG2, Document number: AIF/SWG2-17-13, Nokia, vol. 3, pages 1-8, "SERVICE MULTIPLEXING AND RATE MATCHING", August 4, 1998					
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <i>D. LEVITAN</i>				Date Considered <i>04/02/04</i>			

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Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 201514US90PCT	SERIAL NO. 09/720,260
LIST OF REFERENCES CITED BY APPLICANT			
APPLICANT Yukihiko OKUMURA, et al.			
FILING DATE February 26, 2001		GROUP 2601 2662	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DL	AA 5,745,582	04/28/1998	Y. SHIMPUKU, et. al.			
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FOREIGN PATENT DOCUMENTS

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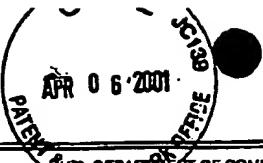
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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Examiner D. LEVITANDate Considered 04/12/04

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 201514US2PCT	SERIAL NO. 09/720,260
LIST OF REFERENCES CITED BY APPLICANT <i>O I P E</i> SEP 05 2003 P A T E N T & T R A D E M A R K O F F I C E		APPLICANT Yukihiko OKUMURA, et al.			
		FILING DATE February 26, 2001	GROUP 266T 2662		
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
AA					FILING DATE IF APPROPRIATE RECEIVED
AB					SEP 08 2003
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FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
PL	AI WO 98/47253	10/22/98	WIPO (with English Abstract)		X
PL	AJ 0 715 440	06/05/96	EUROPE		
PL	AK WO 97/14235	04/17/97	WIPO		
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)					
PL	AP	3GPP: TS 25.212 Version 1.0.0, Internet Article, XP-002245691, pages 1-38, "3 rd GENERATION PARTNERSHIP PROJECT (3GPP); TECHNICAL SPECIFICATION GROUP (TSG); RADIO ACCESS NETWORK (RAN); WORKING GROUP 1 (WG1); MULTIPLEXING AND CHANNEL CODING (FDD)", April 1999			
PL	AQ	E. OKAMOTO, et al., Universal Personal Communications, XP-010315029, pages 921-924, "A PILOT SYMBOL ASSISTED COMPENSATION SCHEME OF FADING AND FREQUENCY OFFSET FOR 16QAM", October 5, 1998			
PL	AR	J. K. CAVERS, IEEE Transactions on Vehicular Technology, vol. 40, no. 4, XP-000278280, pages 686-693, "AN ANALYSIS OF PILOT SYMBOL ASSISTED MODULATION FOR RAYLEIGH FADING CHANNELS", November 1, 1991			
PL	AS	H. KONG, et al., IEEE Transactions on Vehicular Technology, vol. 47, no. 2, XP-002245847, pages 558-565, "ON CHANNEL ESTIMATION AND SEQUENCE DETECTION OF INTERLEAVED CODED SIGNALS OVER FREQUENCY NONSELECTIVE RAYLEIGH FADING CHANNELS", May 1998			
PL	AT	C. II BANG, et al., IEEE Transactions on Consumer Electronics, vol. 41, no. 4, XP-000553491, pages 1138-1141, "AN ANALYSIS OF PILOT SYMBOL ASSISTED 16 QAM IN THE RAYLEIGH FADING CHANNEL", November 1, 1995			
PL	AU	A. SHIBUTANI, et al., page 488, "MULTIPLE INTERLEAVING METHODS FOR THE W-CDMA SYSTEM", 1998 (With English translation)			
	AV	<input type="checkbox"/> Additional References sheet(s) attached			
Examiner <i>D. LEVITAN</i>			Date Considered <i>04/12/04</i>		
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SHEET 1 OF 1

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LIST OF REFERENCES CITED BY APPLICANT			APPLICANT Yukihiko OKUMURA, et al.				
			FILING DATE February 26, 2001	GROUP 2662 -2664-			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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*	AO	9-298519	11/18/97	JAPAN			
*	AP	11-196072	07/21/99	JAPAN			
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	AU						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
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	AZ	<i>* NOT CONSIDERED. NO ENGLISH TRANSL.</i>					
Examiner	<i>PL Levitan</i>				Date Considered <i>04/12/04</i>		

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